

PROVISION OF SERVICE

Service Name	Service Description
Provision of Diagnostic Service	There is a wide range of Laboratory tests available. Refer to the Laboratory User Manual and the A-Z test directory for full list of services, descriptions and tests details.
Biochemistry Laboratory Service	The Biochemistry Department deals with the biochemical basis of disease and the use of biochemical tests for its diagnosis, prognosis, screening and management. The automated chemistry section provides analysis of samples for renal, liver, cardiac, bone, lipid, iron studies, specific protein assays, Therapeutic Drug Monitoring (TDM), Acetaminophen and Salicylate assays. The immunology section performs both serum and urinary electrophoresis. The immunoassay section performs endocrine, tumour marker, troponin I, BNP, PTH and haematinics. Other related diagnostic services provided by the Biochemistry department are blood gas analysis, faecal occult blood and faecal calprotectin analysis
Haematology Laboratory Service	The department of Haematology consists of two interlinking sections. Clinical Haematology and Laboratory Haematology. The department provides diagnostic and treatment services for diseases that affect the production of blood and blood components. Such diseases include haemophilia, thrombophilia, leukaemia, multiple myeloma and lymphoma. The service also includes Consultant led outpatient clinics covering both haematology, thrombophilia and bleeding disorders
Microbiology Laboratory Service	The Microbiology Department offers a comprehensive range of diagnostic services in routine Bacteriology, Parasitology, Serology and Virology as well as consultation in microbiology, infectious diseases and antibiotic utilisation and provision of statistical and cumulative data for infectious disease monitoring for MUH & SIVUH
Blood Transfusion Laboratory Service	The transfusion laboratory covers the investigations required to ensure compatibility with donor blood products when required to meet a patient's need. Such investigations include Blood Grouping, Antibody screening, Irregular Antibody identification and cross matching (compatibility testing) of donor blood with patient's blood samples. Based on these investigations and the patient's requirement, blood products are provided which address the patient's clinical need. It provides blood components to patients requiring transfusion support for a variety of hematological disorders / conditions, surgical support and for patients who have been involved in major traumas. Management of blood products and derivatives is the responsibility of the Transfusion Laboratory. Together with the Haemovigilance office the blood bank laboratory ensures that Adherence to the EU blood directive, ISO 15189 2007 and AML-BB standards is a priority. This is audited annually by the HPRA and ISO15189 accreditation audit. The blood transfusion laboratories provide a service 24 hours a day, seven days a week, with clinical staff available to provide clinical support as required. For the full list of Blood Transfusion services refer to the Blood Transfusion Department Primary Specimen and User Manual LMn-BB-2.
Haemovigilance & Traceability Service	The role of the Haemovigilance office is to ensure the safety of the blood transfusion service within the MUH by promoting the appropriate use of blood, provides education and training, ensuring traceability of blood and blood products in conjunction with the blood bank laboratory, develop and maintain blood transfusion policy and procedural documentation, monitors adverse reactions, near misses and non compliances associated with the blood transfusion service. All of the above is to ensure adherence to the EU blood directive, ISO 15189 2007 and AML-BB standards.
Consultant Service	Consultant pathology services are available in the following specialities: Biochemistry, Blood Transfusion, Haematology and Microbiology. Refer to section 10.1 advisory services for further information provided by the consultants.
Phlebotomy service	The phlebotomy department operates on a routine basis Monday to Friday to take blood specimens for diagnostic testing from in-patients. Outside these hours, blood specimens are taken by trained hospital personnel. Outpatient phlebotomy is from 8.am-3.30pm Monday to Thursday.
Point of Care testing	A point of care testing service is available in the hospital. Only trained personnel should use the equipment.